AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) An intraluminal device, suitable for implantation in a body, which device is provided with a synthetic coating, wherein the synthetic coating comprises:

50-97% heparan sulfate;

1-20% laminin; and

0.2-15% type IV collagen.

2. (currently amended) The intraluminal device according to claim 1, wherein the coating synthetic comprises:

75-95% heparan sulfate;

3-10% laminin; and

0.5-10% type IV collagen.

3. (canceled)

4. (currently amended) The intraluminal device according to claim 1, wherein the synthetic coating further comprises a growth factor.

5. (previously presented) The intraluminal device according to claim 4, wherein the growth factor is selected from the group consisting of bFGF, IGF, TGF-β and VEGF.

6. (currently amended) An intraluminal device, suitable for implantation in a body, the device being provided with a synthetic coating that comprises:

50-97% heparan sulfate;

1-20% laminin;

0.2-15% type IV collagen; and

an antibiotic.

7. (currently amended) An intraluminal device, suitable for implantation in a body, the device being provided with a synthetic coating that comprises:

50-97% heparan sulfate;

1-20% laminin;

0.2-15% type IV collagen; and

an antibiotic comprising gentamycine.

8. (currently amended) The intraluminal device according to claim 1, wherein the synthetic coating further comprises vitronectine.

9. (currently amended) The intraluminal device according to claim 1, wherein the synthetic coating comprises:

85-95% heparan sulfate;

5-6% laminin;

3-4% type IV collagen;

0.5-1.5% entactin and nidogen;

0.001-1% growth factors; and

0.001-1% antibiotic.

10. (previously presented) The intraluminal device according to claim 1, wherein the intraluminal device is a prosthesis that comprises a stent or a graft.

11. (previously presented) A coating suitable for the intraluminal device according to claim 1.

12. (currently amended) A method for preparing an intraluminal device, comprising the steps of:

- providing an intraluminal device for implantation in a body;

- preparing a synthetic composition, comprising, in about 50 mg/ml solvent:

50-97% heparan sulfate;

1-20% laminin;

0.2-15% type IV collagen; and

the solvent being a suitable buffer or water;

- dipping the intraluminal device in the composition; and

- drying the dipped intraluminal device.

13. (currently amended) The method according to claim 12, wherein the synthetic composition further comprises entactin and nidogen.

14. (currently amended) The method according to claim 12, wherein the synthetic composition further comprises a growth factor, selected from the group consisting of bFGF, IGF, TGF-β and VEGF.

15. (currently amended) The method according to claim 12, wherein the synthetic composition further comprises an antibiotic.

16. (currently amended) The method according to claim 12, wherein the synthetic composition further comprises vitronectin.

17. (currently amended) The method according to claim 12, wherein the synthetic composition comprises:

85-95% heparan sulfate;

5-6% laminin;

3-4% type IV collagen;

0.5-1.5% entactin and nidogen;

0.001-1% growth factors; and

0.001-1% antibiotic.

18. (currently amended) The intraluminal device according to claim 1, wherein the synthetic coating further comprises entactin and nidogen.